CLAIMS

1. An inspecting apparatus for detecting a defect
of a glass bottle by imaging light from the glass bottle
while the glass bottle is illuminated and rotated, and
processing the obtained image, the inspecting apparatus
comprising:

a lighting disposed at a predetermined position
with respect to the glass bottle;

a plurality of CCD cameras disposed around the
glass bottle for imaging a specific part of the glass
bottle;

an angle detection device for detecting a
rotation angle of the glass bottle with respect to a
reference position; and

an image processor for processing the images
obtained by said CCD cameras;

wherein said image processor stores rotation
angle information detected by said angle detection device in
such a manner that said rotation angle information
corresponds to the image imaged by each of said CCD cameras.

2. An inspecting apparatus according to claim 1,
wherein said rotation angle information is written on the
image imaged by each of said CCD cameras.

3. An inspecting apparatus according to claim 1
or 2, wherein said image processor detects the defect at a

specific part of the glass bottle by comparing the image having said rotation angle information with a reference image prepared in advance which corresponds to said angle.

5   4.   An inspecting apparatus according to claim 3, wherein said reference image is produced on the basis of the images of glass bottles having no defect, among the images obtained by imaging glass bottles in advance.

10   5. An inspecting apparatus according to any one of claims 1 through 4, wherein mold information is stored in such a manner that said mold information corresponds to the image imaged by each of said CCD cameras.

15   6.   An inspecting apparatus according to any one of claims 1 through 5, wherein information related to production including manufacturing number, manufacturing line, or manufacturing date and time is stored in such a manner that said information corresponds to the image imaged
20   by each of said CCD cameras.

          7.   An inspecting apparatus according to any one of claims 1 through 6, wherein inspection result is stored in such a manner that said inspection result corresponds to
25   the image imaged by each of said CCD cameras.